

STEREO MOC Status Report  
Time Period: 2008:084 - 2008:090

STEREO Ahead (STA) Status:

1. The following Ground System anomalies occurred during this reporting period:

- The DSS 43 track on days 087 was changed to use DSS 45 to allow another mission to meet its science objectives.
- On day 085, ranging lock was lost during the DSS 25 support for 7 minutes starting at 1620Z due to station equipment problem. This resulted in a loss of 7 minutes of ranging data. See DR# G108457 for more information.

2. Ahead spacecraft performance continues to be very good with all subsystems performing nominally. The following spacecraft/instrument events occurred during this week:

- On day 085, the 12<sup>th</sup> momentum dump was successfully executed at 1630Z.
- The average daily SSR playback volume for Ahead was 7.1 Gbits during this week.

STEREO Behind (STB) Status:

1. The following Ground System anomalies occurred during this reporting period:

- The DSS 45 tracks on days 085 and 086 were changed to use DSS 24 due to DSS 43 unavailability from DOY 070 through 086.
- On day 087, ranging lock was lost during the DSS 25 support for 35 minutes starting at 2152Z due to station equipment problem. At this time, command bind was also lost. This resulted in a loss of 35 minutes of ranging data. See DR# G108464 for more information.

2. Behind spacecraft performance continues to be very good with all subsystems performing nominally. The following spacecraft/instrument events occurred during this week:

- The average daily SSR playback volume for Behind was 7.5 Gbits during this week.